

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
15 February 2001 (15.02.2001)

PCT

(10) International Publication Number
WO 01/11282 A1(51) International Patent Classification⁷: F16L 27/08, A47K 3/28

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(21) International Application Number: PCT/AU00/00917

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(22) International Filing Date: 2 August 2000 (02.08.2000)

(25) Filing Language: English

Published:

(26) Publication Language: English

- With international search report.
- With amended claims.

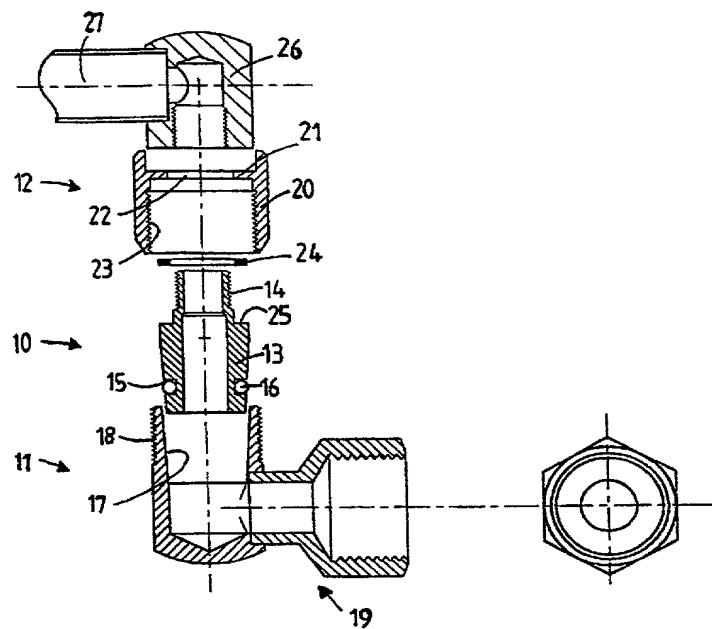
(30) Priority Data:
PQ 2102 9 August 1999 (09.08.1999) AU

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(71) Applicants and
(72) Inventors: TRITCHLER, Robert, W. [AU/AU]; DRD Technology, P.O. Box 5269, Manly, QLD 4179 (AU). EW-ING, Warren, A. [AU/AU]; DRD Technology, P.O. Box 5269, Manly, QLD 4179 (AU).

(74) Agent: CULLEN & CO.; Level 26, 239 George Street, Brisbane, QLD 4000 (AU).

(54) Title: SWIVEL JOINT



WO 01/11282 A1

(57) Abstract: A swivel joint which is particularly useful for shower heads. It comprises a first member (10) having an externally milled barrel (13) and a second member (11) having an internally milled barrel (17). The second member accommodates the first member in a leak-proof yet relatively rotatable relationship. The two members are held together by a collar (12).